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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/519,754	06/20/2005	Yasutomo Okajima	YAMAP0962US	3153
43/076	7590	02/25/2008	EXAMINER	
MARK D. SARALINO (GENERAL) RENNER, OTTO, BOISSELLE & SKLAR, LLP 1621 EUCLID AVENUE, NINETEENTH FLOOR CLEVELAND, OH 44115-2191			LEE, LAURA MICHELLE	
		ART UNIT	PAPER NUMBER	
		3724		
		MAIL DATE		DELIVERY MODE
		02/25/2008		PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/519,754	<b>Applicant(s)</b> OKAJIMA ET AL.
	<b>Examiner</b> LAURA M. LEE	<b>Art Unit</b> 3724

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
  - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
  - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED. (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on 19 November 2007.
- 2a) This action is FINAL.      2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1 and 3-29 is/are pending in the application.
- 4a) Of the above claim(s) 8-29 is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_\_ is/are allowed.
- 6) Claim(s) 1 and 3-7 is/are rejected.
- 7) Claim(s) \_\_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on 11/19/2007 is/are: a) accepted or b) objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All    b) Some \* c) None of:
1. Certified copies of the priority documents have been received.
  2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)          | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

**DETAILED ACTION**

1. This office action is in response to the amendment filed 11/19/2007 in which claims 1, 3-29 are pending and claims 3, 8-29 are withdrawn, and claim 1 is currently amended.

***Response to Arguments***

2. Applicant's arguments with respect to claims 1, 4-7 have been considered but are moot in view of the new ground(s) of rejection.

***Oath/Declaration***

3. The replacement oath is acceptable and has been entered.

***Specification***

4. The lengthy specification has not been checked to the extent necessary to determine the presence of all possible minor errors. Applicant's cooperation is requested in correcting any errors of which applicant may become aware in the specification.

***Drawings***

5. The drawings were received on 11/19/2007. These drawings are not acceptable because each Figure, both 35 and 36, needs a legend such as --Prior Art-- because only that which is old is illustrated. See MPEP § 608.02(g). Corrected drawings in

compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

***Claim Rejections - 35 USC § 102***

6. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

7. Claims 1 and 3-7 are rejected under 35 U.S.C. 102(b) as being anticipated by Neamtu (U.S. Patent 5,609,075). Neamtu discloses a substrate cutting system (process for manufacturing razor blades) capable of cutting a bonded substrate formed by bonding a first substrate and a second substrate into a plurality of cut substrates, the system for cutting a substrate of the bonded substrate comprising:

a cutting apparatus (Figure 4/ Figure 10) comprising:

a first cutting device (26/40/56; guide roller, slitter, and pinch roller) located so as to face the first substrate, and a second cutting device (27/41/57; guide roller, slitter, and pinch roller) located so as to face the second substrate;

wherein the first cutting device (26/40/56) comprises a scribing portion (slitter, 40) in which first scribing means for forming a scribing line of the first substrate is provided,

the second cutting device (27/41/57) comprises a scribing portion (slitter, 41) in which the second scribing means for forming a scribing line of the second substrate is provided,

the first cutting device (26/40/56) further comprises a back up portion (guide roller, 26) for supporting a surface of the first substrate when the second scribing means (41) of the scribing portion of the second cutting device scribes the second substrate, in correspondence with the portion to be scribed, and a breaking portion (pinch roller, 56) for cutting the first substrate along the scribing line formed on the first substrate, and

the second cutting device (27,41, 57) further comprises a back up portion (guide roller, 27) for supporting a surface of the second substrate when the first scribing means (40) of the scribing portion of the first cutting device scribes the first substrate, in correspondence with the portion to be scribed, and a breaking portion (pinch roller, 57) for cutting the second substrate along the scribing line formed on the second substrate.

In regards to claim 4, Neamtu discloses a substrate carrying apparatus (see the tables not numbered, in Figures 4 and 10) which sequentially positions lines to be cut of the bonded substrate with respect to the cutting apparatus (via guides; i.e. 17/18; 19/20; 33, 60).

In regards to claim 5, Neamtu discloses wherein the substrate carrying apparatus comprises a plurality of tables (the structural supports, not numbered, see Figures 4 and 10).

In regards to claim 6, Neamtu discloses wherein the tables are independently moveable (as they are not attached).

In regards to claim 7, Neamtu discloses wherein the tables comprise adsorption holes (grooves, between the slitters, 40/41 and 42/43; best shown in Figure 6) for adsorbing the bonded substrate (between the rollers; resulting in Figure 8)

### ***Conclusion***

8. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to LAURA M. LEE whose telephone number is (571)272-8339. The examiner can normally be reached on Monday through Friday, 8:00am to 4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Boyer Ashley can be reached on (571) 272-4502. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Laura M Lee/  
Examiner, Art Unit 3724  
2/13/2008  
/Boyer D. Ashley/  
Supervisory Patent Examiner, Art Unit 3724